Author Index of Vol. 59

Aldes LD, Boone TB: Organization of projections from the principal sensory trigeminal nucleus of the hypoglossal nucleus in the rat: an experimental light and electron microscopic study with axonal tracer techniques 16
Alstermark B, Sasaki S: Integration in descending motor pathways controlling the forelimb in the cat. 13. Corticospinal effects in shoulder, elbow, wrist and digit motoneurones 353
Andrews PV, see Helme RD, et al. 382
Antonini A, Di Stefano M, Minciacchi D, Tassinari G: Interhemispheric influences on area 19 of the cat 171
Arshavsky YuI, Orlovsky GN, Panchin YuV: Control of locomotion in marine mollusc – *Clione limacina*. V. Photoinactivation of efferent neurons 203
Ayalon D, see Puder M, et al. 213
Azizi SA, Burne RA, Woodward DJ: The auditory corticopontocerebellar projection in the rat: inputs to the paraflocculus and midvermis. An anatomical and physiological study 36
Barnes GR, Crombie JW: The interaction of conflicting retinal motion stimuli in oculomotor control 548
Batini C, Billard JM, Daniel H: Long term modification of cerebellar inhibition after inferior olive degeneration 404
Benecke R, Meinck H-M, Conrad B: Rapid goal-directed elbow flexion movements: limitations of the speed control system due to neural constraints 470
Bienek A, see Werner J 543
Billard JM, see Batini C, et al. 404
Bisti S, see Maffei L, et al. 423
Bisti S, see Holländer H, et al. 633
Blum B: Enhancement of visual responses of area 7 neurons by electrical pre-conditioning stimulation of LP-pulvinar nuclei of the monkey 434
Bodis-Wollner I, see Onofrj M, et al. 427
Bodony RP, see Daniloff JK, et al. 73
Boone TB, see Aldes LD 16
Border BG, Mihailoff GA: GAD-immunoreactive neural elements in the basilar pontine nuclei and nucleus reticularis tegmenti pontis of the rat. I. Light microscopic studies 600
Bruder D, see Hiemke C, et al. 68
Burne RA, see Azizi SA, et al. 36
Carroll BL, see Johnson MD et al. 62
Cenni MC, see Fiorentini A, et al. 296
Clarke RJ, Ikeda H: Luminance detectors in the olivary pretectal nucleus and their relationship to the pupillary light reflex in the rat. II. Studies using sinusoidal light ... 83
Clément G, see Courjon JH, et al. 10
Clément G, Rézette D: Motor behavior underlying the control of an upside-down vertical posture 478
Collewijn H, Van der Steen J, Ferman L, Jansen TC: Human ocular counterroll: assessment of static and dynamic properties from electromagnetic scleral coil recordings ... 185
Conrad B, see Benecke R, et al. 470
Coscia CJ, see Daw NW, et al. 30
Courjon JH, Clément G, Schmid R: The influence of interstimulus interval on the development of vestibular habituation to repeated velocity steps 10
Cowey A, see Heywood CA 302
Cowey A, see Reese BE 372
Crenna P, see Schieppati M 249
Crombie JW, see Barnes GR 548
Crone C, Hultborn H, Jespersen B: Reciprocal Ia inhibition from the peroneal nerve to soleus motoneurones with special reference to the size of the test reflex 418
Crowley WR, see Johnson MD, et al. 57
Crowley WR, see Johnson MD, et al. 62
Dahl D, Winson J: Action of norepinephrine in the dentate gyrus. I. Stimulation of locus coeruleus 491
Dahl D, see Winson J 497
Dakshinamurti K, see Siow YL 575
Daniel H, see Batini C, et al. 404
Daniloff JK, Low WC, Bodony RP, Wells J: Cross-species neural transplants of embryonic septal nuclei to the hippocampal formation of adult rats 73
Daw NW, Videen TO, Rader RK, Robertson TW, Coscia CJ: Substantial reduction of noradrenaline in kitten visual cortex by intraventricular injections of 6-hydroxydopamine does not always prevent ocular dominance shifts after monocular deprivation 30
Dean P, see Overton P, et al. 559
Di Stefano M, see Antonini A, et al. 171
Dolabela de Lima A, Montero VM, Singer W: The cholinergic innervation of the visual thalamus: an EM immunocytochemical study 206
Enoka RM, see Hasan Z 441
Ezerman EB, Kromer LF: Outbred Sprague-Dawley rats from two breeders exhibit different incidences of neuroanatomical abnormalities affecting the primary cerebellar fissure 625
Fallon JH, see Seroogy KB, et al. 533
Faugier-Grimaud S, Frenois C, Peronnet F: Effects of posterior parietal lesions on visually guided movements in monkeys 125
Feldon J, see Rawlins JNP, et al. 273
Ferman L, see Collewijn H, et al. 185
Fiorentini A, Maffei L, Cenni MC, Tacchi A: Deafferentation of oculomotor proprioception affects depth discrimination in adult cats 296
Fiorentini A, see Maffei L, et al. 423
Flumerfelt BA, see Naus C, et al. 365
Freedman R, see Olson L, et al. 325
Frenois C, see Faugier-Grimaud S, et al. 125
Ghraf R, see Hiemke C, et al. 68
Gibson CJ, see Jacobson W, et al. 570
Granholm A-Ch: Effects of thyroid hormone deficiency on glial constituents in developing cerebellum of the rat 451
Gray JA, see Rawlins JNP, et al. 273
Green EJ, Juraska JM: The dendritic morphology of hippocampal dentate granule cells varies with their position in the granule cell layer: a quantitative Golgi study 582
Grill SE, Rymer WZ: Reflex actions of muscle afferents on fusimotor innervation in decerebrated cats: an assessment of beta contributions 282
Hammond P, Mouat GSV: The relationship between feline pupil size and luminance 485
Harnois C, see Onofrj M, et al. 427
Hasan Z, Enoka RM: Isometric torque-angle relationship and movement-related activity of human elbow flexors: implications for the equilibrium-point hypothesis 441
Helme RD, White DM, Andrews PV: Neurogenic inflammation in skin blisters 382
Henschen A, see Olson L, et al. 325

Heywood CA, Cowey A: A comparison of the effects of superior collicular ablation in infant and adult rats 302
Hiemke C, Bruder D, Poetz B, Ghraf R: Sex-specific effects of estradiol on hypothalamic noradrenaline turnover in gonadectomized rats 68
Hoffer B, see Olson L, et al. 325
Hoffmann KP, Stone J: Retinal input to the nucleus of the optic tract of the cat assessed by antidromic activation of ganglion cells 395
Holländer H, see Maffei L, et al. 423
Holländer H, Bisti S, Maffei L: Long term survival of cat retinal ganglion cells after intracranial optic nerve transection 633
Hrycyshyn AW, see Naus C, et al. 365
Hultborn H, see Crone C, et al. 418
Hyde ML, see Kalaska JF 197
Ikeda H, see Clarke RJ 83
Jacobson W, Wilkinson M, Gibson CJ: Direct effects of the adrenergic neurotoxin DSP4 on central opiate receptors: implications for neuroendocrine studies 570
Jaeger CB: Immunocytochemical study of PC12 cells grafted to the brain of immature rats 615
Jansen TC, see Collewijn H, et al. 185
Jespersen B, see Crone C, et al. 418
Johnson MD, Whetsell WO Jr., Crowley WR: Quinolinic acid stimulates luteinizing hormone secretion in female rats: evidence for involvement of N-methyl-D-aspartate-preferring receptors 57
Johnson MD, Carroll BL, Whetsell WO Jr., Crowley WR: Quinolinic acid stimulates luteinizing hormone secretion through a serotonin-dependent mechanism 62
Juraska JM, see Green EJ 582
Jürgens U, Kirzinger A: The laryngeal sensory pathway and its role in phonation. A brain lesioning study in the squirrel monkey 118
Kalaska JF, Hyde ML: Area 4 and area 5: differences between the load direction-dependent discharge variability of cells during active postural fixation 197
Kasamatsu T, Shirokawa T: Involvement of β-adrenoreceptors in the shift of ocular dominance after monocular deprivation 507
Kirzinger A, see Jürgens U 118
Krieger C, Shinoda Y, Smith AM: Labelling of cerebellar mossy fiber afferents with intra-axonal horseradish peroxidase 414
Kromer LF, see Ezerman EB 625
Landolt JP, see Reinis S, et al 463
Leppelsack H-J, see Müller CM 587
Leslie FM, see Seroogy KB, et al. 533
Liben S, see Segal BN 515
Lindeman RC, see Sutton D, et al. 410
Loughlin SE, see Seroogy KB, et al. 533
Low WC, see Daniloff JK, et al. 73
Madsen S, see Ottersen OP, et al. 457
Maffei L, see Fiorentini A, et al. 296
Maffei L, Fiorentini A, Bisti S, Holländer H: Pattern ERG in the monkey after section of the optic nerve 423
Maffei L, see Holländer H, et al. 633
Maioli C, Precht W: On the role of vestibulo-ocular reflex plasticity in recovery after unilateral peripheral vestibular lesions 267
Marrocco, RT, McClurkin JW: Evidence for spatial structure in the cortical input to the monkey lateral geniculate nucleus 50
McClurkin JW, see Marrocco RT 50
Meinck H-M, see Benecke R, et al. 470
Meldrum BS, see Ottersen OP, et al. 457
Merker B, Schlag J: Role of intralaminar thalamus in gaze mechanisms: evidence from electrical stimulation and fiber-sparing lesions in cat 388
Mihailoff GA, see Border BG 600
Minciacchi D, see Antonini A, et al. 171
Montero VM, Singer W: Ultrastructural identification of somata and neural processes immunoreactive to antibodies against glutamic acid decarboxylase (GAD) in the dorsal lateral geniculate nucleus of the cat 151
Montero VM, see Dolabela de Lima A, et al. 206
Morgan DL, see Proske U 166
Mouat GSV: Photoreceptor inputs to cat lateral geniculate nucleus cells 242
Mouat GSV, see Hammond P 485
Müller CM, Leppelsack H-J: Feature extraction and tonotopic organization in the avian auditory forebrain ... 587
Narayanan CH, Narayanan Y: Cell formation in the motor nucleus and mesencephalic nucleus of the trigeminal nerve of rats made hypothyroid by propylhiouracil 257
Narayanan Y, see Narayanan CH 257
Naus C, Flumerfelt BA, Hrycyshyn AW: An anterograde HRP-WGA study of aberrant corticorubral projections following neonatal lesions of the rat sensorimotor cortex . 365
Necker R: Projection of a cutaneous nerve to the spinal cord of the pigeon. I. Evoked field potentials 338
Necker R: Projection of a cutaneous nerve to the spinal cord of the pigeon. II. Responses of dorsal horn neurons 344
Nichols TR: Autogenetic reflex action in tibialis anterior compared with that in soleus muscle in the decerebrate cat . 232
Nir I, see Puder M, et al. 213
Oehler R: Spatial interactions in the rhesus monkey retina: a behavioural study using the Westheimer paradigm 217
Olson L, Vanderhaeghen J-J, Freedman R, Hennschen A, Hoffer B, Seiger Å: Combined grafts of the ventral tegmental area and nucleus accumbens in oculo. Histochemical end electrophysiological characterization 325
Onofrj M, Harnois C, Bodis-Wollner I: The hemispheric distribution of the transient rat VEP: a comparison of flash and pattern stimulation 427
Orlovsky GN, see Arshavsky YuI, et al. 203
Ottersen OP, Madsen S, Meldrum BS, Storm-Mathisen J: Taurine in the hippocampal formation of the Senegalese baboon, *Papio papio:* an immunocytochemical study with an antiserum against conjugated taurine 457
Overton P, Dean P, Redgrave P: Detection of visual stimuli in far periphery by rats: possible role of superior colliculus . 559
Panchin YuV, see Arshavsky YI, et al. 203
Peronnet F, see Faugier-Grimaud S, et al. 125
Poetz B, see Hiemke C, et al. 68
Pöppel E, see Roenneberg T 1
Precht W, see Maioli C 267
Proske U, Morgan DL: After-effects of stretch on the responses of cat soleus muscle spindles to static fusimotor stimulation 166
Publicover SJ: Inhibition of quantal transmitter release by the polycationic ligand cationized ferritin 629
Puder M, Nir I, Siegel RA, Weidenfeld J, Ayalon D: The effect of Δ^1tetrahydrocannabinol on luteinizing hormone release in castrated and hypothalamic deafferented male rats 213
Rader RK, see Daw NW, et al. 30
Rawlins JNP, Feldon H, Ursin H, Gray JA: Resistance to extinction after schedules of partial delay or partial reinforcement in rats with hippocampal lesions 273
Redgrave P, see Overton P, et al. 559

Reese BE, Cowey A: Rearrangements in the retino-geniculate projections of rats following ablation of the superior colliculus in infancy 372
Reinis S, Landolt JP, Weiss DS: Effects of nitrous oxide on the functional characteristics of cells in the extrastriate cortex of the cat 463
Reinoso-Suárez F, Roda JM: Topographical organization of the cortical afferent connections to the cortex of the anterior ectosylvian sulcus in the cat 313
Rézette D, see Clément G 478
Robertson TW, see Daw NW, et al. 30
Roda JM, see Reinoso-Suárez F 313
Roenneberg T, Pöppel E: Topographical distribution of the summation property of Y-ganglion cells in the cat retina . . 1
Rymer WZ, see Grill SE 282
Saint-Gyr JA, see Stechison MT, et al. 139
Sasaki S, see Alstermark B 353
Sawada S, Yamamoto C: Blocking action of pentobarbital on receptors for excitatory amino acids in the guinea pig hippocampus 226
Schieppati M, Crenna P: Excitability of reciprocal and recurrent inhibitory pathways after voluntary muscle relaxation in man 249
Schlag J, see Merker B 388
Schmid R, see Courjon JH, et al. 10
Segal BN, Liben S: Modulation of human velocity storage sampled during intermittently-illuminated optokinetic stimulation 515
Segal BN: Post-suppression vestibulo-ocular reflex in man: visual and non-visual mechanisms 524
Seiger Å, see Olson L, et al. 325
Seroogy KB, Fallon JH, Loughlin SE, Leslie FM: Few cortical cholecystokinin immunoreactive neurons have long projections 533
Shinoda Y, see Krieger C, et al. 414
Shirokawa T, see Kasamatsu T 507
Siegel RA, see Puder M, et al. 213
Singer W, see Montero VM 151
Singer W, see Dolabela de Lima A, et al. 206
Siow YL, Dakshinamurti K: Effect of pyridoxine deficiency on aromatic L-amino acid decarboxylase in adult rat brain . 575
Smith AM, see Krieger C, et al. 414
Spence SJ, see Stechison MT, et al. 139
Sutton D, Trachy RE, Lindeman RC: Discriminative phonation in macaques: effects of anterior mesial cortex damage . 410
Stechison MT, Saint-Cyr JA, Spence SJ: Projections from the nuclei prepositus hypoglossi and intercalatus to the superior colliculus in the cat: an anatomical study using WGA-HRP 139
Stone J, see Hoffman KP 395
Storm-Mathisen J, see Ottersen OP, et al. 457
Tacchi A, see Fiorentini A, et al. 296
Tassinari G, see Antonini A, et al. 171
Trachy RE, see Sutton D, et al. 410
Ursin H, see Rawlins JNP, et al. 273
Vanderhaeghen J-J, see Olson L, et al. 325
Van der Steen J, see Collewijn H, et al. 185
Videen TO, see Daw NW, et al. 30
Weidenfeld J, see Puder M, et al. 213
Weiss DS, see Reinis S, et al. 463
Wells J, see Daniloff JK, et al. 73
Werner J, Bienek A: The significance of nucleus raphe dorsalis and centralis for thermoafferent signal transmission to the preoptic area of the rat 543
Whetsell WO Jr., see Johnson MD, et al. 57
Whetsell WO Jr., see Johnson MD, et al. 62
White DM, see Helme RD, et al. 382
Wiesendanger M, see Wiesendanger R 91
Wiesendanger M, see Wiesendanger R 105
Wiesendanger R, Wiesendanger M: The thalamic connections with medial area 6 (suplementary motor cortex) in the monkey (*macaca fascicularis*) 91
Wiesendanger R, Wiesendanger M: Cerebello-cortical linkage in the monkey as revealed by transcellular labeling with the lectin wheat germ agglutinin conjugated to the marker horseradish peroxidase 105
Wilkinson M, see Jacobson W, et al. 570
Winson J, see Dahl D 491
Winson J, Dahl D: Action of norepinephrine in the dentate gyrus. II. Iontophoretic studies 497
Woodward DJ, see Azizi SA, et al. 36
Yamamoto C, see Sawada S 226